

REMARKS

Claims 135-243 are pending in the application. Claims 135, 170, 189, 190, 192, 193, 196, 197, and 203 are amended. The specification is also amended. Claims 227-243 are withdrawn. No new matter is presented. The above remarks are considered by Applicants to overcome each objection and rejection raised by the Examiner and to place the application in condition for allowance. An early Notice of Allowance is therefore requested.

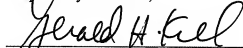
The specification is objected to for containing typographical errors. The specification is amended to overcome the cited objections. No new matter is presented. In view of the amendments to the specification, Applicants request the withdrawal of the objection to the specification.

Claims 135-137, 139-145, and 147-196 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claim 135 is amended to more clearly recite the features of the claimed invention. It is submitted that claim 135 is amended so that the claimed invention provides a useful, concrete and tangible result. Specifically, claim 135 is amended to recite “calculating and presenting at least one optical section image from local information of the light influenced by the specimen”. Thus, by presenting the section image based on the local information, the claimed invention provides a tangible result. Therefore, Applicants request the withdrawal of the rejection of claims 135-147, 139-145, and 147-196 under 35 U.S.C. 101.

Claims 135-226 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Claims 135, 197 and 203 are amended to more clearly recite the features of the claimed invention. Therefore, Applicants request the withdrawal of the rejection of claims 135-226 under 35 U.S.C. 112.

In view of the above remarks, Applicants submit that claims 135-226 recite allowable subject matter. Thus, for the reasons presented above, claims 135-226 are believed by Applicants to define patentable subject matter and should be passed to issue at the earliest possible time. A Notice of Allowance is requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gerald H. Kiel", is written over a horizontal line.

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